AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

CLAIMS

What is claimed is:

1. (currently amended) An electronic substrate-for-interconnecting-electronic components, comprising:

a substrate having one or more <u>electrically</u> conductive inner layers; and one or more interconnect cavities extending into, <u>but not through</u>, the substrate, to <u>each</u> exposinge <u>one or more of the</u> one or more <u>of the</u> <u>electrically conductive</u> inner layers.

- 2. (currently amended) The electronic substrate of claim 1, wherein the substrate further comprises one or more electrically conductive surface layers, wherein one or more of the interconnect cavities extends from <u>at least</u> one of the <u>one or more electrically conductive</u> surface layers to <u>at least</u> one or more of the <u>one or more electrically conductive</u> inner layers.
- 3. (currently amended) The electronic substrate of claim 1, wherein <u>at least one of each one or more</u> interconnect cavit<u>iesy</u> comprises a base adjacent to one of the <u>one or more electrically conductive</u> inner layers, the base comprising a layer of electrically conductive material.
- 4. (currently amended) The electronic substrate of claim 1, wherein at least one of the one or more each interconnect cavitiesy comprises a base adjacent to one of the one or more electrically conductive inner layers, wherein theeach interconnect cavity defines a wall, the interconnect cavity further comprising a conductive material forming a liner on the wall and base, the liner-interconnected with one or more the base adjacent electrically conductive inner layers.

- 5. (currently amended) The electronic substrate of claim 1, wherein <u>at least one of the each</u> interconnect cavit<u>iesy</u> comprises a base adjacent to and electrically interconnected with one of the <u>one or more electrically conductive</u> inner layers, wherein ene or more the interconnect cavity extending from a surface layer defines a wall, the interconnect cavity further comprising a conductive material forming a liner on the wall and base, the liner interconnected with one or more the base adjacent electrically conductive inner layers and the surface layer.
- 6. (currently amended) The electronic substrate of claim 1, wherein each-at least one of the interconnect cavitiesy is adapted to receive and interconnect with electrically conductive interconnect material.
- 7. (original) The electronic substrate of claim 1, wherein the interconnect cavities are positioned to correspond with land pads of a surface mount technology electrical component.
- 8. (currently amended) The electronic substrate of claim 1, wherein <u>at least one of the each</u> interconnect cavit<u>iesy</u> comprises a base adjacent to one of the <u>one or more electrically conductive</u> inner layers, and an opening at a surface of the substrate, the base having a smaller diameter than the opening.
- 9. (Withdrawn) The electronic substrate of claim 1, wherein each interconnect cavity comprises a base adjacent to one of the inner layers and an opening at a surface of the substrate, the base having a larger diameter than the opening.
- 10. (Withdrawn) A method for making a substrate for interconnecting electronic components comprising:

providing a substrate having one or more electrically conductive inner layers; and

forming a cavity extending from a surface of the substrate, the cavity exposing one or more inner layers.

- 11. (Withdrawn) The method of claim 10, wherein providing a substrate having one or more electrically conductive inner layers comprises providing a substrate having one or more electrically conductive inner layers and one or more electrically conductive surface layers; and wherein forming a cavity extending from the surface of the substrate, the cavity exposing one or more inner layer comprises forming a cavity extending from one of the surface layers to one or more inner layers.
- 12. (Withdrawn) The method of claim 11, further comprises depositing an electrically conductive material to form a liner in the cavity which is interconnected with the corresponding one or more inner layers and the surface layer.
- 13. (Withdrawn) The method of claim 12, wherein depositing an electrically conductive material comprises electroplating a layer of conductive material on walls of the cavity.
- 14. (Withdrawn) The method of claim 12, wherein depositing an electrically conductive material comprises using a vapor deposition process to form a layer of conductive material on the cavity walls.
- 15. (Withdrawn) The method of claim 10, wherein forming a cavity comprises using laser ablation.
- 16. (Withdrawn) The method of claim 10, wherein forming a cavity comprises using a resist mask and an etching process.

- 17. (Withdrawn) The method of claim 10, wherein forming a cavity comprises forming a cavity with a base having a smaller diameter than an opening at the surface of the substrate.
- 18. (Withdrawn) The method of claim 10, wherein forming a cavity comprises forming a cavity with a base having a larger diameter than and opening at the surface of the substrate.
- 19. (Currently amended) An electronic device comprising: an electronic component having component interconnects; and an electronic substrate for interconnecteding with at least one of electronic components having comprising:
 - a substrate <u>including</u>having one or more <u>electrically</u> conductive inner layers; , and
 - one or more interconnect cavities extending into a surface of, but no through the substrate, to-each exposinge one or more of the one or more electrically conductive inner layers.
- 20._(currently amended) The electronic device of claim 19, wherein the substrate further comprises one or more electrically conductive surface layers, wherein one or more of the interconnect cavities extends from at least one of the surface layers to at least one or more of the one or more electrically conductive inner layers.
- 21._(currently amended) The electronic device of claim 19, wherein <u>at least one</u> of each the interconnect cavitiesy comprises a base adjacent to one of the <u>electrically</u> conductive inner layers, the base comprising a layer of electrically conductive material.
- 22. (currently amended) The electronic device of claim 19, wherein each at least one of the interconnect cavitiesy comprises a base adjacent to one of the electrically

conductive inner layers, wherein theeach interconnect cavity defines a wall, the interconnect cavity further comprising a conductive material forming a liner on the wall and base, the liner interconnected with one or more the base adjacent conductive inner layers.

23._(original) The electronic device of claim 19, wherein the electronic component is a microelectronic die.